APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

L 12791-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD
ACCESSION NR: AP3000782 S/0070/63/008/003/0456/0459

AUTHOR: Kosty*lev, S. A.; Sherstyak, B. N.

TITLE: Electron-diffraction studies on the structure of sublimated films of ZnS and ZnS-Mn

SOURCE: Kristallografiya, v. 8, no. 3, 1963, 456-459

TOPIC TAGS: x-ray diffraction, sublimated films, Zns, Mn, photoluminescence, electroluminescence, phosphor

ABSTRACT: This study of sublimated films was undertaken because of the prevalence of impurities in larger masses. Films of Zns and Zns-Mn were prepared in a high vacuum (10 sub -5 mm mercury) from powdered ZnS pressed into a disk and heated in the vacuum at 1100C. Tests on the films showed that the brightness of electro-luminescence did not increase on raising the heating temperature above 550C or on holding the specimen at the high temperature for more than 10 minutes. The brightness did increase with voltage, however, and the authors conclude that this corresponds to a certain degree of disordering in the lattice. To test this and to verify the belief that the structures of thick and thin films are alike, they made x-ray diffraction studies of a 2-micron-thick sublimate-phosphor of ZnS-Mn and of the initial material. It was found that the x-ray pattern of the initial

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KOSTYLEV, S.A., inzh.-geolog; DEVYATOV, V.G., inzh.-gidrotekhnik; SPASOLOMSKIY, V.V.; SYUNDYUKOV, G.M., dotsent, kand. tekhn. nauk

Deformations in the structures of buildings caused by inadmissible settling of foundations, and the reasons for their origin. Sbor. trub. Inzh.-stroi. fak. Chel. politekh. inst. no.3:183-190 '63. (MIRA 17:9)

1. Glavnyy inzh. proyektnogo instituta Chelyabinskgorproyekt (for Spasolomskiy).

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KOSTYLEV, P.P., gornyy inzh.; BOGDANOV, B.M.

Dust control in underground boring operations at the Noril'sk Combine. Gor. zhur. no.12:52-54 D '60. (MIRA 13:12)

1. Noril'skiy gorno-metallurgicheskiy kombinat.
(Noril'sk--Mining engineering) (Mine dusts)

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TSOGOYEV, N.V., nauchnyy red.; KOSTYLEV, P.M., red.; STEBLYANKO, T.V., tekhn.red.

[Stavropol Territory in the seven-year plan] Stavropol'e v semiletke. Stavropol', Stavropol'skoe knizhnoe izd-vo, 1960. 297 p. (MIRA 14:1)
(Stavropol Territory--Economic policy)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, M.P., inzhener.

New technique for fastening trip spotting hoists. Bezop.truda v prom. 1 no.7:36 Jl '57. (MLRA 10:7)
(Hoisting machinery)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, N. P., inzh.; YAKOVLEV, V. S., inzh.

Causes of sudden methane evolutions during the caving of the main roof in longwalls. Bezop. truda v prom. 6 no.9:3-4 S '62. (MIRA 16:4)

1. Upravleniye Donetskogo okruga Gosudarstvennogo komiteta pri Sovete Ministrov UkrSSR po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru.

(Donets Basin—Coal mines and mining)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

ALFEYEV, N.I.; BREGETOVA, N.G.; GNEZDILOV, V.G. [deceased]; GUTSEVICH, A.V.; KOSTYLEV, N.N.; NIKOLAYEV, B.P.; OLSUF'YEV, N.G.; PAVLOVSKIY, Yevgeniy Nikanorovich, akademik; PERVOMAYSKIY, G.S.; PERFIL'YEV, P.P.; POMERANTSEV, B.I.[deceased]; SALYAYEV, V.A.; SKVORTSOV, B.P.; SMIRNOV, G.G.; TERAVSKIY, I.K.; BLAGOVESHCHENSKIY, D.I., doktor, red.; RULEVA, M.S., tekhn.red.

[Laboratory manual on medical parasitology] Laboratornyi praktikum meditsinskoi parazitologii. Pod red. E.N.Pavlovskogo. Leningrad, Gos.izd-vo med.lit-ry, Leningr.otd-nie, 1959. 486 p.
(MIRA 12:9)

(MEDICAL PARASITOLOGY)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, N. N., and ZNEYEV, G. YA.

1939. Paraziticheskiye chervi dryzunov yuzhnogo tadzhikistana. tr. tadzhikistanskoy bazy No 11.

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KOSTYLEV, N.; KOZLOV, M.; PETROV, V.; BYCHKOV, F.M.

Readers' letters. Bezop.truda v prom. 7 no.1:37-38 Ja '63.
(MIRA 16:2)

1. Nachal'nik tekhnicheskogo otdela Upravleniya Donetskogo okruga Gosudarstvennogo komiteta pri Sovete Ministrov UkrSSR po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru (for Kostylev). 2. Uchastkovyy gornotekhnicheskiy inspektor Upravleniya Sverdlovskogo okruga Gosudarstvennogo komiteta pri Sovete Ministrov RSFSR po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru (for Petrov). 3. Uchastkovyy gornotekhnicheskiy inspektor upravleniya Sredne-Volzhskogo okruga Gosudarstvennogo komiteta pri Sovete Ministrov RSFSR po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru (for Bychkov).
(Industrial safety)

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KOSTYLEV, M.V., dotsent

Free transplantation of part of the concha auriculae in defects of the cartilaginous part of the nose. Stomatologiia 40 no.2:45-50 Mr-Ap '61. (MIRA 14:5)

1. Iz kafedry khirurgicheskoy stomatologii Permskogo meditsinskogo instituta (direktor - prof. I.I.Kositsyn).
(EAR—TRANSPLANTATIONS) (NOSE—SURGERY)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, M.V., dots.

Reconstruction of the nasal cartilage in congenital harelip.
Stomatologiia 37 no.6:65-66 N-D'58 (MIRA 11:12)

1. Iz kafedry khirurgicheskoy stomatologii (zav. - prof. S.F. Kosykh) Permskogo meditsinskogo instituta (dir. prof. I.I. Kositsyn).
(NOSE--SURGERY)
(HARELIP)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, M.V., dotsent

Free skin grafts in the maxillofacial region. Stomatologiia 37 no.5:48-51 S-O '58 (MIRA 11:11)

1. Iz kafedry khirurgicheskoy stomatologii (ispolnyayushchiy obyazannosti zav. - dotsent A.F. Ivanov) Permskogo meditsinskogo instituta (dir. - prof. I.I. Kositsyn).
(FACE--SURGERY)
(SKIN GRAFTING)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

SIMANOVSKAYA, Ye.Yu., kandidat meditsinskikh nauk; KOSYKH, S.F., professor, zaveduyushchiy; KOSTYLEV, M.V., dotsent, direktor.

Treatment of certain precarcinomatous states and cancer of the lower lip and face with Gordeev's solution. Stomatologiia no.4:37-43 Jl-Ag '53. (MLRA 6:9)

1. Kafedra khirurgicheskoy stomatologii Molotovskogo meditsinskogo stomatologicheskogo instituta (for Kosykh). 2. Molotovskiy meditsinskiy stomatologicheskiy institut (for Kostylev). (Face--Cancer) (Lips--Cancer)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

DEMNER, L.M.; OKSMAN, I.M., professor, zaveduyushchiy; VASILOV, S.I., dotsent, zaveduyushchiy; KOSTYLEV, M.V., direktor.

Preparation of dental bridges from stainless steel without soldering. Stomatologiia no.3:53-54 '53. (MLRA 6:7)

1. Kafedra ortopedicheskoy stomatologii Molotovskogo meditsinskogo stomatologicheskogo instituta (for Demner and Oksman). 2. Kafedra fiziki Molotovskogo meditsinskogo stomatologicheskogo instituta (for Vasilov and Demner). 3. Molotovskiy meditsinskiy stomatologicheskiy institut (for Kostylev). (Teeth, Artificial)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

OKSMAN, I.M., professor, zaveduyushchiy; KOSTYLEV, M.V., direktor.

Receptors in the dentin in human teeth. Stomatologiia no.3:11-16 '53.
(MLRA 6:7)

1. Kafedra ortopedicheskoy stomatologii Molotovskogo meditsinskogo stomatologicheskogo instituta (for Oksman). 2. Molotovskiy meditsinskiy stomatologicheskiy institut (for Kostylev). (Teeth)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, M.I.

[Therapeutic pneumothorax as a reflex agent; critical analysis of the theory and present-day practice of collapse therapy] Lechebnyi pnevmotoraks kak reflektornyi agent; opyt kriticheskogo obzora teorii i sovremennoi praktiki kollapsoterapii. Tbilisi, Sabchota Sakartvelo, 1958. 219 p. (MIRA 12:4)
(PNEUMOTHORAX)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, M. I.

KOSTYLEV, M. I. "The Problem of Stopping Therapeutic Pneumothorax." Tbilisi State Medical Inst. Sukhumi, 1956. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya Letopis', No. 19, 1956.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, M.G., starshiy inzhener; POPOLOV, Ya.N., redaktor izdatel'stva; TIKHONOV, A.Ya., tekhnicheskiy redaktor

[Machine assembling tools] Slesarno-montazhnyi instrument. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 211 p. (MLRA 10:1)

1. Moscow. Vsesoyuznyy proyektno-tekhnologicheskiy institut.
(Tools--Standards)

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KOSTYLEV, M., inzh.

Testing stand for ladders. Pozh.delo 7 no.10:27 O '61.
(MIRA 14:10)

(Ladders--Testing)

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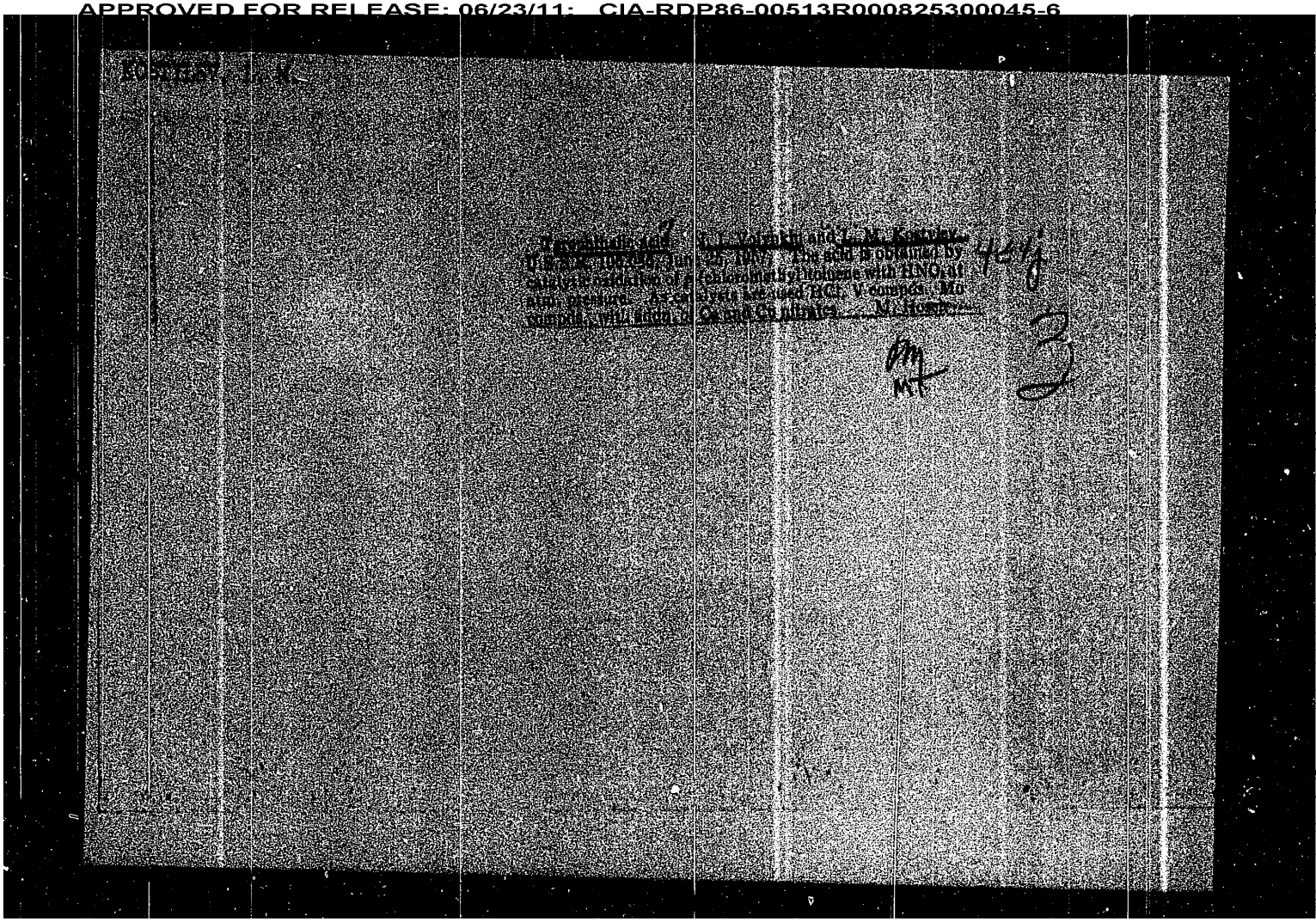

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KOSTYLEV, L.M.

Study of the kinetics of a solution of high polymers. Trudy LIKI no.4:192-197 '56. (MLRA 10:5)

1.Kafedra protsessov i apparatov, teplotekhniki i obshchey khimicheskoy tekhnologii.
(Polymers) (Solutions (Chemistry))

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KOSTYLEV, L.M.

Kinetics of dissolution of high polymers. Trudy LIKI no.3:227-234 '55. (MLRA 9:8)

1. Kafedra obshchey khimicheskoy tekhnologii, protsessov i apparatov.
(Polymers and polymerisation) (Solutions (Chemistry))

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

FEDOROV, Ye.P.; KUCHEROV, N.I.; BATRAKOV, Yu.V., kand.fiz.-matem.nauk; KOSTYLEV, K.V., kand.fiz.-matem.nauk; MIKHEL'SON, N.N., kand. fiz.-matem.nauk; GINDILIS, L.M., kand.fiz.-matem.nauk

In the Astronomic Council; conferences and plenums. Vest. AN SSSR 34 no.9:112-120 S '64. (MIRA 17:10)

1. Chlen-korrespondent AN UkrSSR (for Fedorov).

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L 17629-65
ACCESSION NR: AP4046591

radar observations of meteors and the methods of mathematical statistics, it is possible to obtain the monthly mean distribution of radiants of sporadic meteors. Visual radiants are asymmetrically distributed along the ecliptic. An attempt was made to record a type of intermediate trail for determining the diffusion coefficient of electron density in the trail. Measurements of the initial radii of the trail showed their dependence upon the height and the velocity of the meteor. When the meteor moved with a velocity of 41 km sec^{-1} at a height of 97 km, the initial radius of the meteor trail was about 1 meter. Fragmentation of a meteorite in the terrestrial atmosphere causes a tail to form on the path.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: AA

NO REF SOV: 000 OTHER: 000

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L 17629-65 EWT(l)/EWG(v)/EWA(d)/EEC-4/EEC(t) Pe-5/Pae-2 ASD(a)-5/ESD/
ASD(p)-3/AS(mp)-2/AFWL/AFETR/ESD(t) GM
ACCESSION NR: AP4046591 S/0030/64/000/009/0115/0116

AUTHOR: Kosty*lev, K. V. (Candidate of Physicomathematical sciences)

TITLE: Radiotechnical observations of meteors

SOURCE: AN SSSR, Vestnik, no. 9, 1964, 115-116

TOPIC TAGS: radio technical observation, meteor, meteoric echo, meteor radiant, mathematical statistics, mirror point, meteoric trail, ecliptic, intermediare trail, electron density

ABSTRACT: The Commission on Comets and Meteors of the Astronomical Council called a seminar on radiotechnical observations of meteors which was held on 21-26 June 1964 in Moscow. The transfer of the observed amplitudes of meteorite echoes to the masses of meteors and the distribution of their radiants over the celestial sphere are not sufficiently clarified. By using mathematical statistics, it is possible to determine the distribution of amplitudes of meteoric radio echoes, taking into consideration the accidental position of the mirror point on the meteoric paths, the effects of the initial radius of the trail, the changes in electron density in the trail, and the distribution of velocities of meteorites. By using regular azimuthal

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L 21[illegible]

ACCESSION NR: AR5005091

along the y axis. The azimuthal angles of the directions to the points of maximum sensitivity are determined as functions of the path length. Calculations show that when the directivity patterns of the antenna are matched to the azimuthal angular dimensions of the most active region, and that the path with optimal duty factor is the one for which $\gamma/2 \approx 4.75°$ (~1050 km). The influence of horizontal polarization of the antennas is examined, and also the effect of the operating conditions of the radio circuitry on the observed duty factor. It is noted that with decreasing λ and with decreasing path length, the influence of the operating conditions is stronger. As an illustration, a section along the x axis is also considered for two paths. Bibliography, 8 titles.

SUB CODE: AA, EC ENCL: 00

Card 2/2

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L 31323-65 EEC-2/EWT(d)/FSS-2/EWT(1)/EEC(k)-2/EWG(v)/EWA(d)/EEC-4/EEC(t)/EED-2
Pe-5/Pg-4/P1-4/P3-4/Pc-4/P1-4/Pm-4/Pn-4/Pt-10/Pae-2/Pac-4

ACCESSION NR: AR5005091 S/0269/65/000/001/0089/0089

SOURCE: Ref. zh. Astronomiya. Otd. vyp., Abs. 1.51.623

AUTHOR: Kostylev, K. V.

TITLE: Investigation of a general expression for the duty factor. I. Case of uniform distribution of meteoric activity over the sky

CITED SOURCE: Sb. Meteorn. rasprostr. radiovoln. Kazan', Kazansk. un-t, no. 1, 1963, 166-178

TOPIC TAGS: meteor observation, meteoric radio scatter, antenna directivity, duty factor

TRANSLATION: A general expression is investigated for the duty factor in the case of uniform distribution of meteoric activity over the sky, in the presence of a sporadic background. The article considers principally the change in the number and in the duty factor

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L 1287-66 EWT(d)/FSS-2/EWI(1)/EWA(d)/T/FCS(k)/EWA(h) GW/WR

ACCESSION NR: AR5010779 UR/0274/65/000/003/A044/A044
621.396.228.34

47
B

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz'. Sv. t., Abs. 3A283

AUTHOR: Kostylev, K. V. 55,44

TITLE: Effect of the horizontal antenna polarization 25B,44 on the fill factor

CITED SOURCE: Sb. Meteorn. rasprostr. radiovoln. No. 1, Kazan', Kazansk. un-t, 1963, 157-165 55,44

TOPIC TAGS: antenna polarization, meteoric burst communication 6 12,55

TRANSLATION: A case is considered of a horizontal polarization of transmitting-receiving antenna in the meteor burst communication. With a uniform distribution of the meteor activity over the sky canopy, the number of signals and the fill factor decrease due to polarization in the case of short ranges (under 670--890 km). In the long-range case, the effect of horizontal polarization may manifest itself only in the observable activity of some meteor streams whose active sections may happen to be within the areas where the polarization effect is strong. The problem of selecting the most favorable position of the plane of polarization for any point of reflection of radio waves, within an operative zone, is solved. Bibl. 4, figs. 2, tabs. 2.

Card 1/1 mlr SUB CODE: EC, AA ENCL: 00

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L 31063-65 EWT(d)/EWT(l)/EWG(v)/EWA(d)/EEC-4/EEC(t)/EED-2/EWA(h) Pm-4/Pn-4/P2-5/P3-5/Pac-4/Pq-4/P3-4/P4-4/Pk-4/Pl-4/Pt-10/Pab-2/Peb GS/JHB/WS/MR

ACCESSION NR: AR5004883 S/0058/64/000/011/H063/H063

SOURCE: Ref. zh. Fizika, Abs. 11Zh396

AUTHORS: Kosbyiev, K. V.

TITLE: General theory of the duty coefficient

CITED SOURCE: Sb. Meteorn. rasprostr. radiovoln. No. 1. Kazan', Kazansk. un-t, 1963, 139-156

TOPIC TAGS: meteoric radio scatter, meteor observation

TRANSLATION: For the case of undercondensed meteor trails, a general expression is derived for the duty coefficient, which is the ratio of the total time that the amplitude of the signal reflected from the meteor trail remains higher than a specified apparatus-operation level, to the total observation time. The final formula can be used for paths of arbitrary lengths. Bibliography, 15 titles.

SUB CODE: AA, EC ENCL: 00

Card 1/1

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

L 31066-65

ACCESSION NR: AR5004872

ary antenna (λ = 4.2 m), and with an antenna rotating in azimuth in steps of 30° with subsequent standstill for five minutes (λ = 8.7 m). The daily and seasonal variation of the meteor number is considered. The seasonal changes in the daily variation of the number of meteors confirm the assumption that the earth crosses a broad belt of meteoric orbits. An appendix contains tables of the mean monthly hourly numbers of meteors for 1959 at both wavelengths.

SUB CODE: AA, EC ENCL: 00

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

L 31068-65 EEO-2/FSS-2/EWT(l)/EWG(v)/EWA(d)/EEC-4/EEC(t)/EED-2 Pe-1/Pn-4/
Pe-5/Pae-4/P1-4/Pj-4/Pk-4/P1-4/Pae-2 GM/WR

ACCESSION NR: AR5004872 S/0058/64/000/011/H062/H062

SOURCE: Ref. zh. Fizika, Abs. 11Zh385

AUTHORS: Kostyrev, K. V.; Bal'kovich, O. I.; Pupyshev, Yu. A.

TITLE: Survey of meteor radio observations made at the Engel'gardt Astronomical Observatory

CITED SOURCE: Sb. Meteorn. rasprostr. radiovoln. No. 1. Kazan', Kazansk. un-t, 1963, 3-20

TOPIC TAGS: meteor radar observation, meteoric radio scatter, meteor orbit

TRANSLATION: A review is presented of systematic radar observations of meteors at the Astronomicheskya observatoriya im. Engel'gardta (Astronomical Observatory) at wavelengths 4.2 and 8.7 meters from 1958 through 1960. The observations were carried out with a station-

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

L 22425-65
ACCESSION NR: AR5001313

is an appendix containing tables of the mean monthly numbers of meteors for 1959 for both wave-lengths. From authors' summary.

SUB CODE: AA, ES ENCL: 00

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

L 22425-65 EEO-2/FSF(h)/EWT(1)/EWG(v)/EWA(d)/ESC-4/EEO(t)/EKD-2 Pe-5/Pu-4/Pn-4/
Pae-4/Pae-2/P1-4/PJ-4/Pk-4/P1-4 GW/WR

ACCESSION NR: AR5001313 S/0269/64/000/010/0050/0050

SOURCE: Ref. zh. Astronomiya. Otdel'nyy vypusk, Abs. 10.51.339

AUTHOR: Kostylev, K. V., Zuyushev, Yu. A., Bel'kovich, O. I.

TITLE: Review of radar observations of meteors made at the Astronomicheskaya Observatorii imeni Engel'gardta (Engel'gardt Observatory) in 1958-1960

CITED SOURCE: Sb. Meteorn. rasprostr. radiovoln, no. 1. Kazan', Kizansk. un-t, 1963, 3-20

TOPIC TAGS: radioastronomy, radar, meteor tracking, upper atmosphere, meteor orbit

TRANSLATION: This article is a review of systematic radar observations of meteors. The investigations were made at the Astronomicheskaya Observatoriya imeni Engel'gardta (Engel'gardt Observatory) on 4.2- and 8.7 -m waves from 1958 to 1960. A fixed antenna (λ = 4.2 m) and an azimuthally rotating antenna (with 30° jumps, stopping in each position for 5 minutes) were used. The authors discuss the diurnal and seasonal variation of the number of meteors. Seasonal changes confirm the assumption that the earth passes through a broad zone of meteor orbits. There

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43283

3.1710

S/831/62/000/008/004/016
E192/E382

AUTHOR: Kostylev, K.V.

TITLE: Radar observations on meteors at Kazan'

SOURCE: Ionosfernyye issledovaniya (meteory). Sbornik statey, no.8. V razdel programmy MGG (ionosfera). Mezhduved. geofiz. kom. AN SSSR. Moscow, Izd-vo AN SSSR, 1962, 29-40

TEXT: The AOE has conducted regular investigations on meteors since 1955 by radar equipment provided with special recording apparatus. The radar had the following basic technical characteristics: 1) carrier frequency 71.4 Mc/s; 2) pulsing frequency 50 cps and recording frequency of 25 cps; 3) duration of transmitted pulse 15 μs; 4) pulse power 30 to 100 kW; 5) a Yagi antenna consisting of 7 elements (one active vibrator, one reflector and 5 directors); 6) antenna fixed at a height of 2 wavelengths above the Earth and inclined at 22° to the horizon plane and 7) the vertical directional pattern of the antenna with three basic lobes with maxima at 15, 35 and 55° (to the horizontal). The equipment measures only those meteors which exist longer than 0.04 sec and give the amplitude of the reflected

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KOSYAKIN, I. V.

PHASE I BOOK EXPLOITATION SOV/4728

Kazan'. Universitet. Astronomicheskaya observatoriya

Byulleten', no. 35 (Bulletin of the Astronomical Observatory, Kazan' State University imeni V. I. Ul'yanov-Lenin, No. 35) [Kazan'] 1960. 80 p. No. of copies printed not given.

Sponsoring Agencies: Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya RSFSR; Kazanskiy ordena trudovogo krasnogo znameni gosudarstvennyy universitet imeni V. I. Ul'yanova-Lenina.

No contributors mentioned.

PURPOSE: This booklet is intended for astronomers, radio and electronics engineers, and physicists. It may be used by advanced students of astronomy.

COVERAGE: This issue of the Bulletin of the Astronomical Observatory imeni Engel'gardt contains 6 articles reflecting work carried on at that institute during the last decade. Individual papers deal with radar observations

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tain information on the static distribution of the amplitudes of the radar

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KHOLOPOV, P.N., kand.fiziko-matematicheskikh nauk; LEVIN, B.Yu.; KOSTYLEV, K.V.

In the Astronomy Council. Vest.AN SSSR 30 no.9 99-102 S '60. (MIRA 13:9)

(Astronomy)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

S/030/60/000/009/008/016
B021/B056

AUTHOR: Kostylev, K. V.

TITLE: Seminar of Radiotechnical Observation Methods of Meteoric Ionizations

PERIODICAL: Vestnik Akademii nauk SSSR, 1960, No. 9, pp. 101 - 102

TEXT: The Seminar of Radiotechnical Observation Methods of Meteoric Ionizations took place at Moscow from July 8 to July 11, 1960 and discussed several problems of the theory of meteoric ionization, of results of observations, and of the applied method and apparatus. The following reports were delivered: Yu. A. Loshilov spoke about the dielectric constant of the meteor trail; A. M. Furman - on the ionization mechanism; N. V. Kolobov - on some interrelations between meteoric phenomena and meteorological processes; O. I. Bel'kovich - on errors in determining the law of the mass distribution of meteors; V. M. Kolmakov - on the system of recording statistical meteor characteristics; R. P. Chebotarev - on the application of logical designs in a meteoric radiolocator; I. A. Lysenko, M. F. Lagutin - on radio observations of meteoric radiants;

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Equipment for Radio-Echo Observations of Meteors With Automatic Registration at the Engel'gardt Astronomical Observatory

SOV/33-35-4-14/25

switching in of further apparata, if the duration of the echo exceeds 0.08 sec. For the adjustment of the oscillograph the author applies an "artifidal meteor", an apparatus which imitates the meteor echo. The continuous readiness for insertion and the work of the instruments is guaranteed by suitable automatic control. The whole equipment is working since May 1956. The following scientists participated in its development under guidance of the authors V.V.Sidorov, Yu.A. Pupyshev, N.D.Kalinenkov, Ye.I.Yashin.
There are 2 figures.

ASSOCIATION: Astronomicheskaya observatoriya imeni V.P.Engel'gardta (Astronomical Observatory imeni V.P.Engel'gardt)

SUBMITTED: April 17, 1957

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

3(1) SOV/33-35-4-14/25

AUTHOR: Kostylev, K.V.

TITLE: Equipment for Radio-Echo Observations of Meteors With Automatic Registration at the Engel'gardt Astronomical Observatory (Apparatura astronomicheskoy observatorii im. Engel'gardta dlya radiolokatsionnykh nablyudeniy meteorov s avtomaticheskoy registratsiyey)

PERIODICAL: Astronomicheskiy zhurnal, 1958, Vol 35, Nr 4, pp 643-650(USSR)

ABSTRACT: In June 1956 there took place a seminary at the Engel'gardt Observatory on radio-echo observations of meteors. The author publishes a report on the instruments developed by him for performing the observations mentioned above. The central apparatus is a radar station with the frequency of 72 MHz and the impulse power of 100-120 KW. The antenna (type wave channel) has an angle of inclination of about 22° and rotates with about 1 revolution per minute. The observer is replaced by a special oscillograph, carrying out, among other things, the following operations: 1. The distinction of the meteor echoes from other signals. 2. Registration of the moment of flight and of the distance. 3. Registration of the duration of the echo. 4. Generation of a special signal for the

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KOSTYLEV, K.V.

Commutation pattern for a galvanometer and its use in stellar electrophotometry. Astron.zhur. 33 no.2:259-265 Mr-Ap '56. (MLRA 9:8)

1. Astronomicheskaya observatoriya imeni Engel'gardta.
(Galvanometer)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

Kostylev, K.V.

Category : USSR/Electronics - Semiconductor Devices and Photoelements H-8

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4384

Author : Kostylev, K.V.
Inst : Astronomic Observatory of the Kazan' State University, USSR
Title : Precision Voltage Stabilizer for the Supply of Photomulitpliers.

Orig Pub : Astronom. zh., 1955, 32, No 6, 545-549

Abstract : A description of a voltage stabilizer circuit, designed for the supply of photoelectronic multipliers. The stabilizer represents a high frequency oscillator, employing a 6P9 tube (the screen grid of which is used as the control grid), with a feedback loop consisting of a voltage divider and a three-stage amplifier (two stages employing 6N9 tubes and one stage produced by the control grid of the 6P9 tube). The stabilization coefficient of the circuit is on the order of 2.5 x 10^3, and the output resistance is approximately 300 ohms. The output is 1.5 watts.

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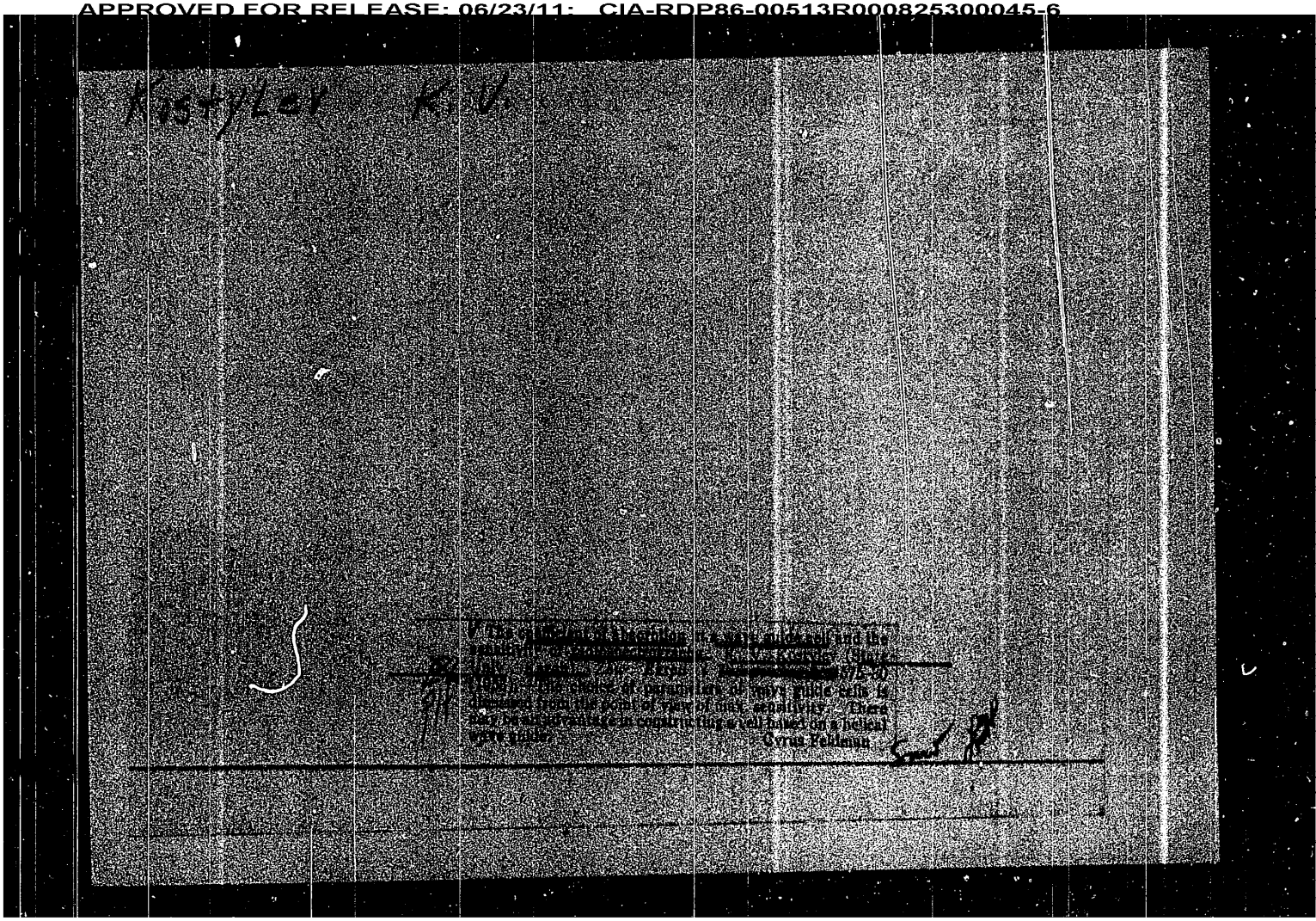

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CHUDOVICHEV, N. I.; KOSTYLEV, K. V.

"Determining the brightness of the corona and its separate zones during the total Solar eclipse of 21 Sept 1941," Astron. Zhur., 19, No 4, 1942.

U-1518, 23 Oct 1951

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, K.P.

Measures for increasing the size of cotton bolls. Izv. AN Uz.SSR no.1:28-34 '53. (MIRA 11:3)

(Cotton growing)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, K. P.

"A Way to Enlarge the Boll of the Cotton Plant." Cand Agr Sci, Tashkent Agricultural Inst, Acad Sci Uzbek SSR, Tashkent, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KNYAZHITSKIY, Grigoriy Mikhaylovich; KOSTYLEV, Ivan Georgiyevich; BOYKOV, M.A., red.; SOKOLOVA, G.F., tekhn.red.

[An aid for training telegraph operators in the use of telegraph apparatus] Posobie po obucheniiu telegrafistov rabote na apparatakh. Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 142 p. (MIRA 13:5)

(Telegraph--Handbooks, manuals, etc.)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

OREELIANTS, S.A., doktor tekhn.nauk, prof.; ENGEL'KE, V.A., inzh.;
DRAGISHEVICH-NIKSHICH, S.V.; KOSTYLEV, G.I.

Distribution of the center lines of nonstop train meet and passing points. Sbor.trud.LIIZHT no.199:47-53 '62. (MIRA 16:2)
(Railroad engineering)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, G.I.; LUBYANITSKIY, I.Ya.

Formation of nitrophenols in the oxidation of cyclohexanol by nitric acid. Zhur.ob.khim. 32 no.4:1355-1356 Ap '62. (MIRA 15:4)

(Phenol) (Cyclohexanol) (Nitric acid)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

LUBYANITSKIY, I.Ya.; KOSTYLEV, G.I.; FURMAN, M.S.

Oxidation of cyclohexanone and of its mixtures with cyclohexanol by nitric acid under pressure without a catalyst. Khim. prom. no. 7:533-537 O-N '60. (MIRA 13:12)
(Cyclohexanone) (Cyclohexanol) (Nitric acid)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

ACCESSION NR: AT4033531

ENCLOSURE: 01

Table 1

Oxidation of cyclohexanol at atmospheric pressure (catalyst in % of the weight of organic raw material 0.7 Cu, 0.2 NH_4VO_3)

Organic raw material	Composition of reaction gases, vol. %					Yield of dicarboxylic acid, g/g of organic raw materials			Nitric acid consumption, g/g of adipic acid
	$NO_2+N_2O_4$	NO	N_2O	N_2	CO_2	adipic acid	glutaric acid	succinic acid	
Cyclohexanol									
from phenol	2,6	28,7	41,2	20,8	6,7	1,29	0,035	0,028	0,86
from cyclohexane	9,5	16,4	38,0	32,9	3,1	1,29	0,110	0,080	1,04

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

ACCESSION NR: AT4033531

developed by G. T. Levchenko, I. G. Solov'yeva and I. G. Malkova of GIAP. V. R. Ruchinskiy of GIAP also took part in the work." Orig. art. has: 11 tables, 6 graphs, 7 illustrations and 14 chemical formulas.

ASSOCIATION: None

SUBMITTED: 12Oct63 DATE ACQ: 06Apr64 ENCL: 01

SUB CODE: OC NO REF SOV: 019 OTHER: 012

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

ACCESSION NR: AT4033531

Experimental studies of the process (equipment illustrated) were carried out at 1, 3.5 and 7 atm, 1st stage temperature 70C, 2nd stage 100C, nitric acid concentration 57% by weight, weight ratio of (100%) nitric acid to organic raw material 4.5:1. Results are tabulated (see table 1 in the Enclosure). Special experiments concerned X-oil residue and its oxidation with nitric acid. Analysis of the derived adipic acid showed that double recrystallization (water) and activated carbon purification of the latter provides material satisfying all government specifications relating to production of the so-called "AG" salt (a polycondensate of adipic acid and hexamethylenediamine). Experimental continuous production equipment capable of producing 100 kg of adipic acid per day was assembled and used in a series of experiments to study design requirements and optimal process factors for industrial production. The experiments involved cyclohexanol derived from hydrogen reduction of phenol and atmospheric air oxidation of cyclohexane. First stage temperature was 55 to 70C (60 to 65C for phenol-derived material), second stage and blow-off column was at 100C, nitric acid concentration 57% by weight, weight ratio as above was 4 to 4.5:1. It is concluded that bulk type reactors are suitable for continuous nitric acid oxidation at atmospheric pressure. Maximal yield of adipic acid from phenol-derived cyclohexanol in the presence of a catalyst was 1.25 kg per 1 kg of raw material. "The method of dispersion chromatography on diatomaceous brick was

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

ACCESSION NR: AT4033531 S/0000/63/000/000/0017/0050

AUTHOR: Gol'dman, A. M. (Candidate of chemical sciences); Kosty*lev, G. I.; Lubyanitskiy, I. Ya. (Candidate of chemical sciences); Minati, R. V.; Preobrazhenskiy, V. A.; Sedova, S. M.; Trubnikova, V. I.; Furman, M. S. (Doctor of chemical sciences)

TITLE: Derivation of adipic acid by nitric acid oxidation of the products of air oxidation of cyclohexane

SOURCE: Poluprodukty* dlya sinteza poliamidov (Intermediates for polyamide synthesis). Moscow, Goskhimizdat, 1963, 17-50

TOPIC TAGS: adipic acid, cyclohexanol, cyclohexane, phenol, nitric acid, cyclohexane air oxidation, cyclohexanol air oxidation, cyclohexanol nitric acid oxidation, adipic acid derivation, phenol hydrogen reduction, nitric acid oxidation catalyst, adipic acid plant, bulk reactor

ABSTRACT: This extensive report reviews existing literature on adipic acid and its derivation, considers in detail the theory and mechanism of cyclohexanol oxidation with nitric acid (chemical equations are included) and reports the effect of various catalysts on the efficiency of the process.

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GOL'DMAN, A.M., kand.khimicheskikh nauk; ZAYTSEV, A.I.; KOSTYLEV, G.I.; LAKHMANCHUK, L.S.; LUBYANITSKIY, I.Ya., kand.khimicheskikh nauk; PREOBRAZHENSKIY, V.A.; FURMAN, M.S., doktor khimicheskikh nauk; Prinimali uchastiye: ZHADIN, B.V.; VESEL'CHAKOVA, T.L.; SEDOVA, S.M.; TRUBNIKOVA, V.I.; KUPIN, M.I.; ZHUKOVA, Ye.I.

Preparation of adipic acid in a continuous pilot unit.
Khim.prom. no.5:323-327 My '62. (MIRA 15:7)
(Adipic acid)

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mixtures during their oxidation by nitric acid. Pure cyclohexanol and 60% HNO_3 were used for the experiments at a temperature of 156°C. The oxidation of cyclohexanone without the use of pressure was conducted at 75-80°C. The authors made experiments of cyclohexanol oxidation by nitric acid in the presence of urea nitrate. Table 5 and Fig.4 show the effect of pressure on the yield of cyclohexanone oxidation by nitric acid. Table 6 gives data on the yield in gaseous reduction products of nitric acid. The authors studied the oxidation of cyclohexanol under atmospheric pressure and in the presence of urea, and found that under these conditions cyclohexanol oxidation begins at 70°C only (without addition of urea at room temperature), and that the adipic-acid yield drops considerably with increasing urea nitrate concentration (Table 7). The results of oxidation of cyclohexanol mixed with cyclohexanone are given in Tables 8 and 9, and in Fig.5. Cyclohexanone is oxidized by nitric acid at higher temperatures than cyclohexanol, the adipic-acid yield being much lower than with cyclohexanol. In the first step, cyclohexanol is oxidized to cyclohexanone; the end product is nitrous acid

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S/064/60/000/007/002/010
B020/B054

AUTHORS: Lubyanitskiy, I. Ya., Kostylev, G. I., and Furman, M. S.

TITLE: Oxidation of Cyclohexanol and Cyclohexanone by Nitric Acid Under Pressure. Oxidation of Cyclohexanone and Its Mixtures With Cyclohexanol by Nitric Acid Under Pressure Without a Catalyst

PERIODICAL: Khimicheskaya promyshlennost', 1960, No. 7, pp. 5 - 9

TEXT: The oxidation of cyclohexanone by nitric acid has been much less investigated than that of cyclohexanol. Cyclohexanone is oxidized with 61.3% nitric acid to adipic acid at 85-90°C with a yield of 65-73% of the theory (Ref.7). The investigation of this reaction has gained considerable importance in recent years since the oxidation of cyclohexanone, like that of cyclohexanol and similar compounds, forms the basis of the industrial method of producing adipic acid (Ref.2). The authors studied the effect of pressure on the course and yields of oxidation of cyclohexanone by nitric acid, as well as the dependence of the yield in dicarboxylic acids on the composition of the cyclohexanol - cyclohexanone

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KOSTYLEV, G.

Shipping of finely ground bulk cargoes. Mor. flot. 24 no.8:12 Ag '64. (MIRA 18:9)

1. Kapitan teplokhoda "Kyardla" Estonskogo upravleniya Baltiyskogo parokhodstva.

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lines shows the value 969° for the melting point of UF_4 which is in good agreement with the data from publications (Ref 2) ($960 \pm 5°$). There are 2 figures and 2 references, 1 of which is Soviet.

SUBMITTED: May 16, 1958

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

5.(2), 5 (4)

AUTHORS: Popov, M. M. (Deceased), Kostylev, F. A., Zubova, N. V. SOV/78-4-8-2/43

TITLE: Vapor Pressure of Uranium Tetrafluoride (Davleniye para tetraftorida urana)

PERIODICAL: Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 8, pp 1708 - 1709 (USSR)

ABSTRACT: The vapor pressure of UF_4 was measured in the temperature interval of from 875 - 1000°C. Argon purified from oxygen and steam served as carrier gas. Figure 1 shows the apparatus, figure 2 a microphotograph (1:24) of the UF_4 crystals taken from the condensation tube. The vapor pressures (in mm Hg) measured for the temperatures 875, 900, 950, 975 and 1000° are given. The first three values, corresponding to the vapor pressure in equilibrium with the solid salt follow the equation $\log p = 12.945 - 16140.\frac{1}{T}$, the latter two follow equation $\log p = 8.003 - 10000.\frac{1}{T}$. (vapor pressure in equilibrium with the liquid UF_4). The poi..t of intersection of these two straight

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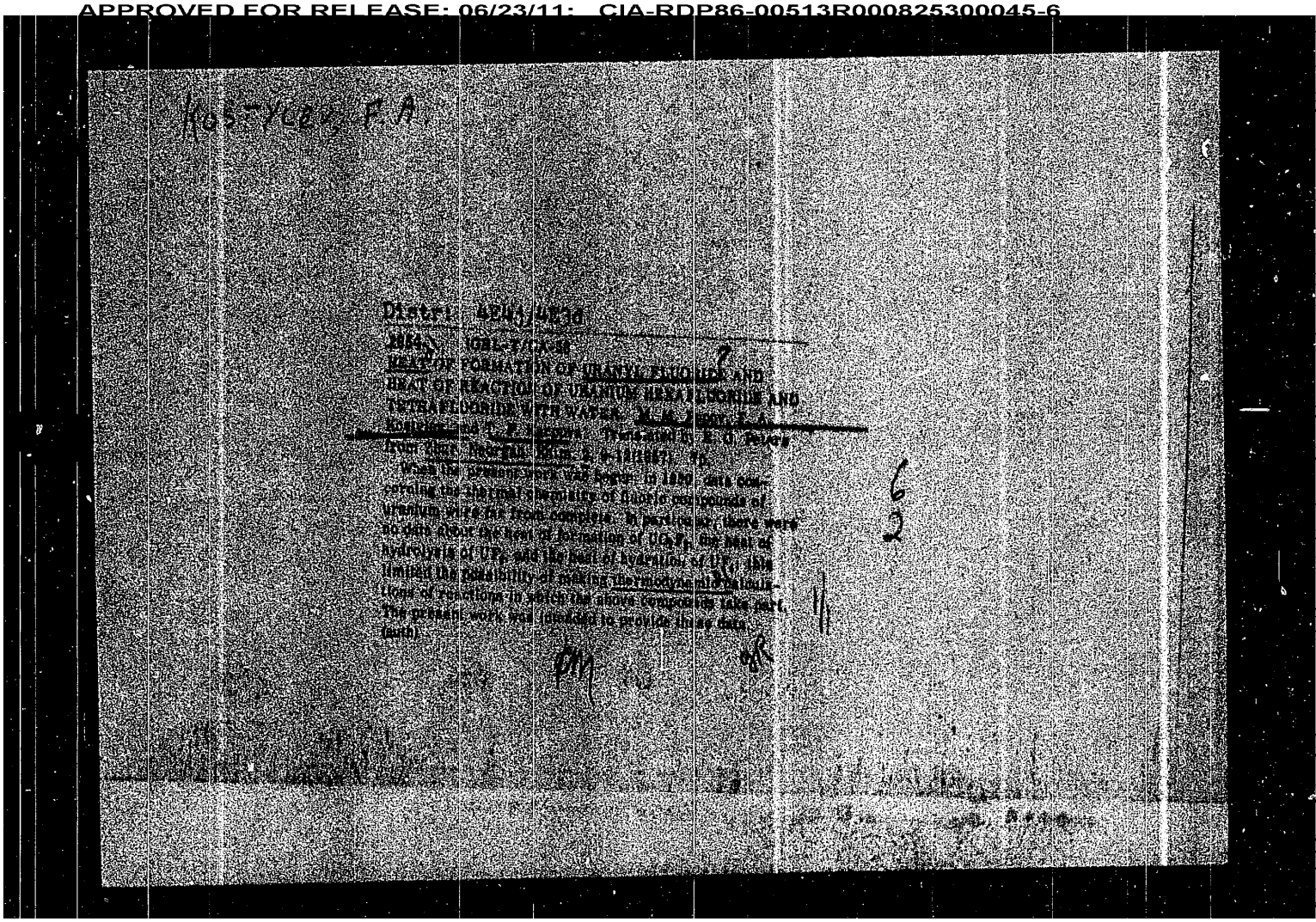

K05-Y102 F A

Distr: 4243/4230

AEC, ORNL-RC-3-58

HEAT OF FORMATION OF URANYL FLUORIDE AND HEAT OF REACTION OF URANIUM HEXAFLUORIDE AND TETRAFLUORIDE WITH WATER. [illegible] Translated by E. G. Bobalek from Atti Accad. Naz. Lincei, Rend., Cl. Sci. Fis., Mat. Nat. 4-1(1948), 46.

Until the present work was begun in 1950 data concerning the thermal chemistry of fluoride compounds of uranium were far from complete. In particular, there were no data about the heat of formation of UO_2F_2, the heat of hydrolysis of UF_4, and the heat of hydration of UF_4; this limited the possibility of making thermodynamic calculations of reactions in which the above compounds take part. The present work was intended to provide these data. (auth)

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KOSTYLEV, E.F.

Methods of determining the total and specific calorific value of biological objects. Gidrobiol.zhur. 1 no.5:61-65 '65. (MIRA 18:11)

1. Odesskoye otdeleniye Instituta biologii yuzhnykh morey AN UkrSSR.

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KOSTYLEV, D.

Sanctions had their effect. Den. i kred. 21 no.5:63-64 My '63.
(MIRA 16:5)

1. Upravlyayushchiy Nev'yanskim otdeleniyem Gosbanka
(Sverdlovsk Province—Building materials industry—Management)
(Sverdlovsk Province—Banks and banking)

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KOSTYLEV, Boris Ivanovich, starshiy prepodavatel'; SKOROSPESHKIN, Aleksey [illegible], kand. tekhn. nauk, dotsent; OBERGAN, Eduard Yemich, aspirant

Potential at the output of an amplidyne operating on a.c. Izv. vys. ucheb. zav., elektromekh. 8 no. 9 970-979 '65. (MIRA 18:10)

1. Kafedra elektricheskikh mashin Tomskogo politekhnicheskogo instituta.

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KOSTYLEV, A. V. Cand Agr Sci -- (diss) "Cultivation of barley in Novosibirskaya Oblast." Irkutsk, 1959. 17 pp (Min of Agr USSR. Irkursk Agr Inst), 150 copies (KL, 43-59, 126)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, A.S.; KOTLYAREVSKAYA, G.A.

Project of technical specifications at Soviet Republics level for glued veneer for keyboard musical instruments. Der.prom. 11 no.11:13-14 N '62. (MIRA 15:12)
(Veneers and veneering—Standards)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, A.S.

Improving the quality of veneer made from edgewise glued veneer sheet pieces. Der.prom. 10 no.6:9-10 Je '61. (MIRA 14:7)

1. TSentral'nyy nauchno-issledovatel'skiy institut fanery i mebeli.

(Veneers and veneering)

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KOSTYLEV, A.S.

Boards made of wood shavings. Standartizatsiia 24 no.11:43-45 N '60.
(MIRA 13:11)

(Hardboards--Standards)

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KOSTYLEV, A. V.

KOSTYLEV, A. V. -- "Using Material from Aerial Photography in General Systematic U.S.S.R. Improvement Maps." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1955. (Dissertation For the Degree of Candidate in Agricultural Sciences)

SO: Knizhnaya Letopis', No 1, 1956

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L 15726-63

ACCESSION NR: AR3002665

power per unit volume 37000 kilowatt/cm^3. The temperature was estimated through the electroconductivity according to the formula of Gvozdover. Averaging along the diameter, the temperature proved to be equal to 28000°, maximal temperature on the axis of the arc was 35000° (in both devices). The conductivity was 10^{14} CGSE units. The speed of the streamline flow of the plasma jet was several kilometers per second (in the lower power device it was 4 km/sec and in the more powerful one, 5-6 km/sec). The duration of streamline flow was of the order of several minutes.

For the stabilization of the jet axis, an external magnetic field was used. The solenoid encircled the channel and the field was directed along the arc channel axis. During the overlapping of the plasma jet by the longitudinal field up to 300 gauss and during a simultaneous passage along the jet of current the jet was fixed at the axis.

An explanation of this phenomenon is given. Experiments were performed with respect to displacement of the perpendicular magnetic field of the plasma jet. The component of the magnetic field generated by the plasma was measured. A compensated magnetic probe was used for this. Yu. R.

DATE ACQ: 14Jun63 SUB CODE: PH ENCL: 00

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L 15726-63 EPR/EWT(1)/EWG(k)/EEC(b)-2/ES(w)-2/BDS AFFTC/ASD/AFWL/
ESD-3/IJP(C)/SSD Ps-4/Pz-4/Pl-4/Po-4/Pab-4 WW/AT

ACCESSION NR: AR3002665 S/0124/63/000/005/B017/B018

86

SOURCE: Rzh. Mekhanika, Abs. 5B86

AUTHOR: Kostylev, A.M.; Porotnikov, A. A.

TITLE: Plasma jet experiments in a magnetic field

CITED SOURCE: Sb. Vopr. magnitn. gidrodinamiki i dinamiki plazmy. v. 2. Riga, AN LatvSSR, 1962, 477-488

TOPIC TAGS: plasmatron, jet, magnetic field, high temperature, Gvozdover formula, plasma arc, magnetic probe

TRANSLATION: Plasmatron experiments are described. To attain high plasma temperatures, an arc discharge was used in which the diameter of the arc channel is limited by a special diaphragm with external or internal cooling by gas or liquid. The work was carried out on two devices. In one, with a power of 115 kw, the density of the current was 7100 amp/cm^2, the intensity of the electric field was 115 volts/cm, the arc length 30-105 mm. In the other device, with a power of 4000 kv, the current density reached 74000 amp/cm^2, the field 500 volts/cm, the

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KOSTYLEV, A. M., PELEVIN, V. N., POROTNIKOV, A. A. (Moscow)

"On Some Equipment for High Temperature Plasma Studies and Some Experimental Data Concerning Magnetohydrodynamic Phenomena."

report presented at the First All-Union Congress on Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb 1960.

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KOSTYLEV, A.D.; GURKOV, K.S.

Use of vibration techniques in mining. Fiz.-tekh. probl. razrab. pol. iskop. no.1:40-45 '65. (MIRA 18:10)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR, Novosibirsk.

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MAKSIMOV, V.A., inzh.; ORLOV, V.G., gornyy inzh.; KOSTYLEV, A.D., kand. tekhn. nauk; GURKOV, K.S., kand. tekhn. nauk; KREYMER, V.I., inzh.; BELAN, N.A., inzh.; PONOMARENKO, Yu.F., kand. tekhn. nauk

Industrial testing of the BPM-1 boring and loading machine. Ugol' 40 no.2:43-46 F '65. (MIRA 18:4)

1. Aleksandrovskiy mashinostroitel'nyy zavod (for Maksimov). 2. Saranovskiy khromitovyy rudnik Zapadno-Ural'skogo soveta narodnogo khozyaystva (for Orlov). 3. Institut gornogo dela Sibirskogo otdeleniya AN SSSR (for Kostylev, Gurkov, Kreymer). 4. Kuznetskiy nauchno-issledovatel'skiy ugol'nyy institut (for Belan). 5. Institut gornogo dela imeni A.A.Skochinskogo (for Ponomarenko).

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KOSTYLEV, A.D., kand.tekhn.nauk; GURKOV, K.S., kand.tekhn.nauk; PARINSKIY, Yu.F., inzh.; TISHKOV, A.Ya., inzh.; MAKSIMOV, V.A., SEDYSHEV, V.P.; KOLESNIKOV, A.T.

Continuous operation working element of a vibration loader.
Ugol' 39 no.12:40-43 D '64. (MIRA 18:2)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR (for Kostylev, Gurkov, Parinskiy, Tishkov). 2. Aleksandrovskiy mashinostroitel'nyy zavod (for Maksimov, Sedyshev, Kolesnikov).

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MAKSIMOV, V.A., inzh.; ORLOV, V.G., inzh.; KOSTYLEV, A.D., kand. tekhn. nauk; GURKOV, K.S., kand. tekhn. nauk; KREYMER, V.I., inzh.; BELAN, N.A., inzh.

Testing the BPM-1 boring and loading machine at the Sarany chromite mine. Shakht. stroi. 8 no.5:17-21 My'64 (MIRA 17:7)

1. Aleksandrovskiy mashinostroitel'nyy zavod (for Maksimov). 2. Saranovskiy khromitovyy rudnik Zapadno-Ural'skogo soveta narodnogo khozyaystva (for Orlov). 3. Institut gornogo dela Sibirskogo otdeleniya AN SSSR (for Kostylev, Gurkov, Kreymer). 4. Kuznetskiy nauchno-issledovatel'skiy ugol'nyy institut (for Belan).

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GURKOV, K.S., kand.tekhn.nauk; KOSTYLEV, A.D., kand.tekhn.nauk; PLEKHANOV, G.V., gornyy inzh.; CHERNOGOLOV, Ye.K., gornyy inzh.; RZHANNIKOV, N.N., gornyy inzh.

New loading and transporting machine. Gor.zhur. no.2:57-59 F '64. (MIRA 17:4)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR (for Gurkov, Kostylev). 2. Vysokogorskiy zheleznyy rudnik (for Plakhanov, Chernogolov, Rzhannikov).

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MIKHIREV, P.A.; KOSTYLEV, A.D.; VOLOD'KO, K.P.; SAVKIN, M.M.; MOGILEVSKIY, V.M.

Means for automatic control of the operation of a single-bucket loader. Gor. zhur. no.3:69-70 Mr '63. (MIRA 16:4)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

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PRIKHOD'KO, Petr Trofimovich, prof., doktor med. nauk; KOSTYLEV, A.D., otv. red.

[Mining machinery in relation to hygiene; basic principles and methods of physiological and hygienic evaluation of mining machinery] Gornye mashiny v gigienicheskom otnoshenii; osnovnye printsipy i metody fiziologo-gigienicheskoi otsenki gornykh mashin. Novosibirsk, Novosibirskoe knizhnoe izd-vo, 1963. 67 p. (MIRA 17:5)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

GORBACHEV, T.F.; PATRUSHEV, I.S.; KOSTYLEV, A.D., kand. tekhn. nauk, otv. red.; OMBYSH-KUZNETSOV, S.O., red.

[Coal-mining machinery and equipment] Ugledobyvaiushchie agregaty i kompleksy. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1964. 162.p. (MIRA 17:5)

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GURKOV, Konstantin Stepanovich; KOSTYLEV, Aleksandr Dmitriyevich; MAKSIMOV, Veniamin Aleksandrovich; YUSHCHENKO, Alekseý Ivanovich; KOLOMIYTSEV, A.D., otv. red.; LOMILINA, L.N., tekhn. red.

[PPM-4m loader] Pogruzochnaia mashina PPM-4m. Moskva, Gosgortekhizdat, 1963. 131 p. (MIRA 16:7)
(Loading and unloading--Equipment and supplies)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

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KAL'NITSKIY, Ya.B.; KOSTYLEV, A.D.; SOROKO, V.V.; GURKOV, K.S.

Introduce vibration equipment on a broad scale. Gor. zhur. no.12:62-63 D '62. (MIRA 15:11)
(Ore handling--Equipment and supplies)
(Vibration)

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MAKSIMOV, V. A.; KOSTYLEV, A. D.; GURKOV, K. S.; VOLOD'KO, K. P.; YUSHCHENKO, A. I.; SEDYSHEV, V. F.; KOLESNIKOV, A. T. YAGODIN, A. I.; PONOMARENKO, Yu. F.; FOLKOV, A. N.; BELAK, N. A.

BPM-1 vibrating drill and loader. Gor. zhur. no.10:53-56 O '62. (MIRA 15:10)

(Mining machinery)

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GURKOV, K.S., kand.tekhn.nauk; KOSTYLEV, A.D., kand.tekhn.nauk; KOLESNIKOV, A.T., inzh.; MAKSIMOV, V.A., inzh.; PARINSKIY, Yu.P., inzh.

Hydraulic vibrator. Mekh.i avtom.proizv. 16 no.7:41-43 Jl '62. (MIRA 15:8)

(Vibrators)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

KOSTYLEV, A.D.; RODIONOV, G.V.; GURKOV, K.S.; MAKSIMOV, V.A.; VOLOD'KO, K.P.

Vibrating working part of a loader. Gor.zhur. no.8:71 Ag '62. (MIRA 15:8)

(Mining machinery)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300045-6

RODIONOV, Georgiy Viktorovich, doktor tekhn.nauk; KAL'NITSKIY, Yakov Borisovich, kand.tekhn.nauk; GURKOV, Konstantin Stepanovich, kand. tekhn.nauk; KOSTYLEV, Aleksandr Dmitriyevich, kand. tekhn.nauk; MIKHIREV, Petr Aleksandrovich, kand. tekhn. nauk; FRESS, Igor' Mikhaylovich, nauchnyy sotr.; SOBOL', Arkadiy Vladimirovich, st. nauchnyy sotr.; SOROKO, Veniamin Vasil'yevich, kand. tekhn.nauk; BAZANOV, A.F., kand. tekhn. nauk, retsenzent; BULATOV, S.I., red. izd-va; SHIRNOVA, G.V., tekhn. red.

[Loading machines for loose and lump materials; design, teory, and calculation]Pogruzochnye mashiny dlia sypuchikh i kuskovykh materialov; konstruktsiia, teoriia i raschet. [By]K.S.Gurkov i dr. Moskva, Mashgiz, 1962. 286 p. (MIRA 15:12)

(Loading and unloading--Equipment and supplies)

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KOSTYLEV, A.D.; GURKOV, K.S.; NOSIKOV, G.M.

New design vibrating bucket for the PML-5 loader. Gor. zhur. no.11: 56-57 N '61. (MIRA 15:2)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR.
(Mining machinery)

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RODIONOV, G.V.; KOSTYLEV, A.D.

Movable hopper-loader. Gor. zhur. no.8:40 Ag '58. (MIRA 11:9)
(Mining machinery--Patents)

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RODIONOV, G.V.; KOSTYLEV, A.D.

Mechanization of loading and hauling ore in cross headings. Trudy Gor.-geol. inst. Zap.-Sib. fil. AN SSSR no.19:167-176 '57. (MIRA 11:7)

(Mining machinery) (Mine haulage)

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RODIONOV, G.V.; KOSTYLEV, A.D.

Trailing weight of a loading machine. Trudy Gor.-geol. inst. Zap.-Sib. fil. AN SSSR no.19:109-117 '57. (MIRA 11:7)
(Loading and unloading--Equipment and supplies)
(Mine railroads--Cars)

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KOSTYLEV, A.D.

Sizes of loading machine buckets. Trudy Gor.-geol. inst. Zap.-Sib. fil. AN SSSR no.19:73-80 '57. (MIRA 11:7)
(Loading and unloading--Equipment and supplies)

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KOS[illegible]NV, A.D.

Effect of shape of the bucket on resistance to scooping. Trudy Geol.-geol. inst. Zap.-Sib. fil. AN SSSR no.[illegible]:55-71 '57. (MIRA 11:7)

(Loading and unloading--Equipment and supplies)

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KOSTYLEV, A.D.

RODIONOV, G.V., kandidat tekhnicheskikh nauk; KOSTYLEV, A.D., kandidat tekhnicheskikh nauk.

Development of mechanized loading in the mining industry. Gor. zhur. no.5:66-70 My '57. (MIRA 10:6)

1. Zapadno-Sibirskiy filial Akademii nauk SSSR.
(Ore handling) (Mining machinery)

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RODIONOV, G.V., kandidat tekhnicheskikh nauk; KOSTYLEV, A.D., kandidat tekhnicheskikh nauk; GURKOV, K.S., inzhener.

Effect of vibration on the efficiency of ore scooping with loader buckets. Gor.zhur.no.3:38-41 Mr '56. (MLRA 9:7)

1.Zapadnosibirskiy filial AN SSSR.
(Ore handling)

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KOSTYLEV, A.D.

RODIONOV,G.V., kandidat tekhnicheskikh nauk; KOSTYLEV,A.D., inzhener

The geometrical shape of coal shoveling machinery buckets. Ugol' 30 no.9:30-34 S'55. (MLRA 8:12)

1. Zapadno-Sibirskiy filial Akademii nauk SSSR.
(Shoveling machinery)

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KOSTYLEV,A.

Improved bucket ore-conveying machines. Mast. ugl. 4 no.4:24 Ap '55. (MLRA 8:6)
(Conveying machinery)

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1. KOSTYLEV, A. D., Eng.

2. USSR (600)

4. Excavating Machinery

7. Cleaning excavator buckets by vibration, Mekh. stroi., 9, No. 15, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

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[redacted] KOSTYLEV, A.D.

Preparat "DDT" v bor'be s tabachnym tripsom.
Trudy Krasnodarsk. in-ta pishch. prom- sti,
VYP. 7, 1949, s. 89-94.-
Bibliogr 10 nazv.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

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KOSTYKOV, Yuriy Vasil'yevich; YEMYUTIN, V.V., red.

[Design principles of applied television systems and apparatus] Osnovy proektirovaniia sistem i apparatury prikladnogo televideniia. Moskva, Izd-vo "Energiia," 1964. 255 p. (MIRA 17:5)

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KOSTYKOV, Yuriy Vasil'yevich; PLENKIN, Yu.N., red.; FRIDKIN, L.M., tekhn. red.

[Television picture tubes]Priemnye televizionnye trubki. Moskva, Gosenergoizdat, 1962. 70 p. (Massovaia radiobiblioteka, no.445) (MIRA 15:10)

(Television--Picture tubes)

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